

P E JG11
AUG 27 2002
U. S. TRADEMARK OFFICE

No. (G418 Resistant Colonies)

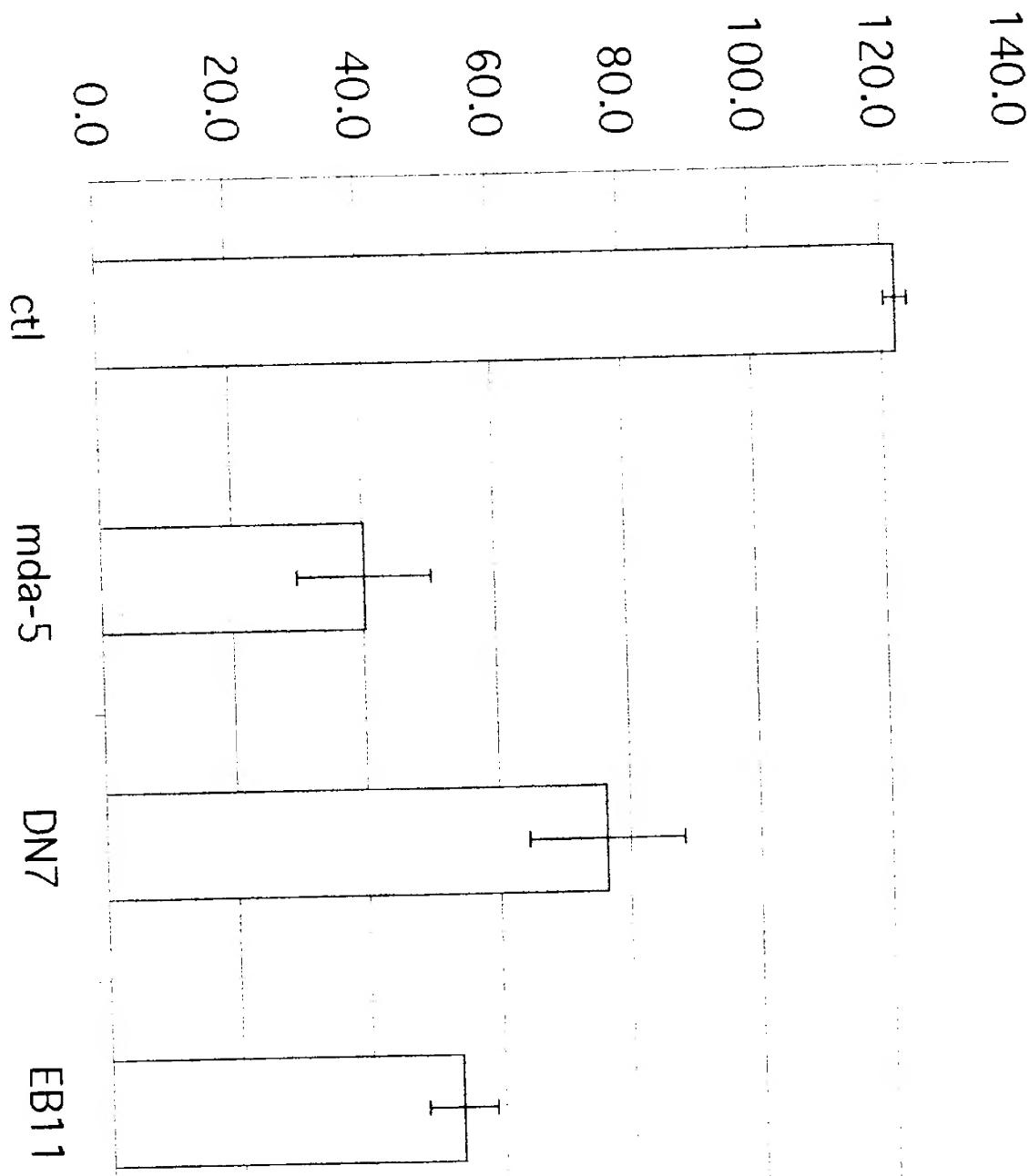


FIGURE 9

Sequence of the proximal Mda-5 promoter region and first exon

GCACATTTGGCCTACAAAGGACCTATTGTTAAGGCAGAACCTGCTGGGAAAACAAAAT
 1 -----+-----+-----+-----+-----+-----+-----+ 60

ECORI

ATCCGCCGGAGGAGCTTGAGAGCGTTGGTCTGGTGTCAAGAGAGAATTGCTTTCTT
 61 -----+-----+-----+-----+-----+-----+-----+ 120

TTCTGTTCCCGCGGTCTTAACCAAAGGCCTCCTCTTCACCCGCCCGACCAAAA
 121 -----+-----+-----+-----+-----+-----+-----+ 180

GGTGGCGTCTCCCTGAGGAAACTCCCTCCCCGCCAGGCAGATTACGTTACAAAGTCCTG
 181 -----+-----+-----+-----+-----+-----+-----+ 240

AGAAGAGAACATCGAAACAGAAACCAAAGTCAGGAAACTCTGTAAGAACTGCCTGACAGAA
 241 -----+-----+-----+-----+-----+-----+-----+ 300

AGCTGGACTCAAAGCTCCTACCCGAGTGTGCAGCAGGATGCCCGGTCCGGACCCCAG
 301 -----+-----+-----+-----+-----+-----+-----+ 360

GCGCACACCGCAGAGTCAAAGTGCCGCCCTGCCGCCGCACCTGCCGCC 420

GCGCGCCGCCCGCTGCCACCTGCCGCCCTGCCACCTGCCAGGTGCGAGTGCAGCCC
 421 -----+-----+-----+-----+-----+-----+-----+ 480

CGCGCGCCGGCCTGAGAGCCCTGTGGACAACCTCGTCATTGTCAGGCACAGAGCGGTAGA
 481 -----+-----+-----+-----+-----+-----+-----+ 540

CCCTGCTTCTNTAAGTGGCAGCGGACAGCGGACACGACATTTCACCTGTCCCGCAGACA
 541 -----+-----+-----+-----+-----+-----+-----+ 600

BstXI

ACAGCACCATCTGCTGGAGAACCCCTCCCTCTGAGAAAGAAAGATGTCGAATGG
 601 -----+-----+-----+-----+-----+-----+-----+ 660

GTATTCCACAGACGAGAATTCGCTATCTCATCTCGTCTCAGGGCCAGGGTGAAGAAAT
 661 -----+-----+-----+-----+-----+-----+-----+ 720

GTACATCCAGGTGGAGCCTGTGCTGGACTACCTGACCTTCTGCCTGCAGAGGTGAAGGA
 721 -----+-----+-----+-----+-----+-----+-----+ 780

GCAGATTCAAGGGACAGTCGCCACCTCCGGAACATGCAGGCAGTTGAAC TGCTGCTGAG
 781 -----+-----+-----+-----+-----+-----+-----+ 840

ECORI

CACCTGGAGAAGGGAGTCTGGCACCTGGTGGACTCGGAATTGCTGGAGGCCCTCCG
 841 -----+-----+-----+-----+-----+-----+-----+ 900

SacI

GAGAACCGGCAGCCCTCTGGCGCCCGCTACATGAACCCCTGAGCTCACGGACTTGCCCTC
 901 -----+-----+-----+-----+-----+-----+-----+ 960

TCCATCGTTGAGAACGCTCATGATGAATATCTCAACTGCTGAACCTCCTCAGCCCAC
 961 -----+-----+-----+-----+-----+-----+-----+ 1020

HindIII

BstXI

TCTGGTGGACAAGCTT
 1021 -----+----- 1036

Figure 10

Figure 11

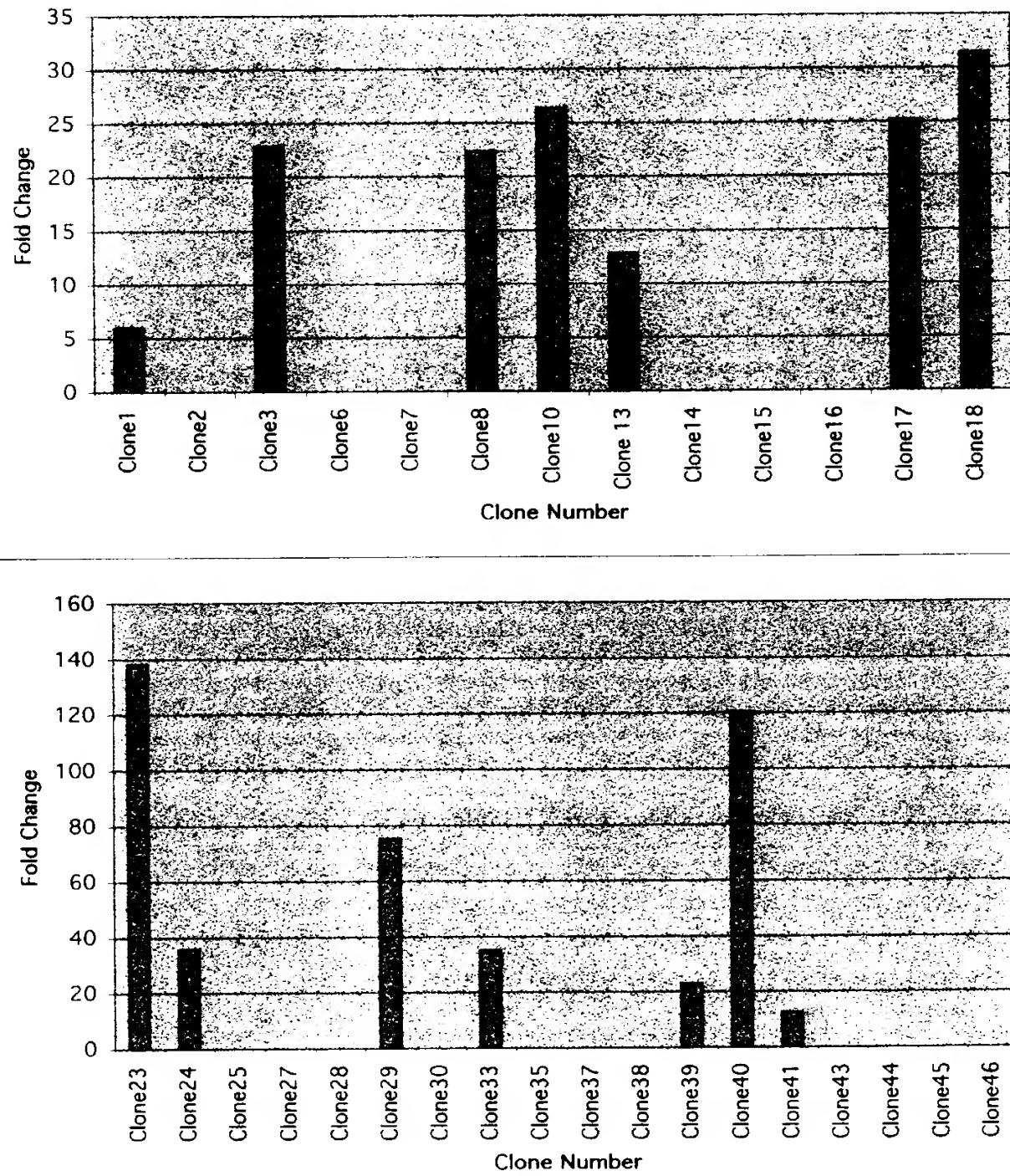


Figure 12

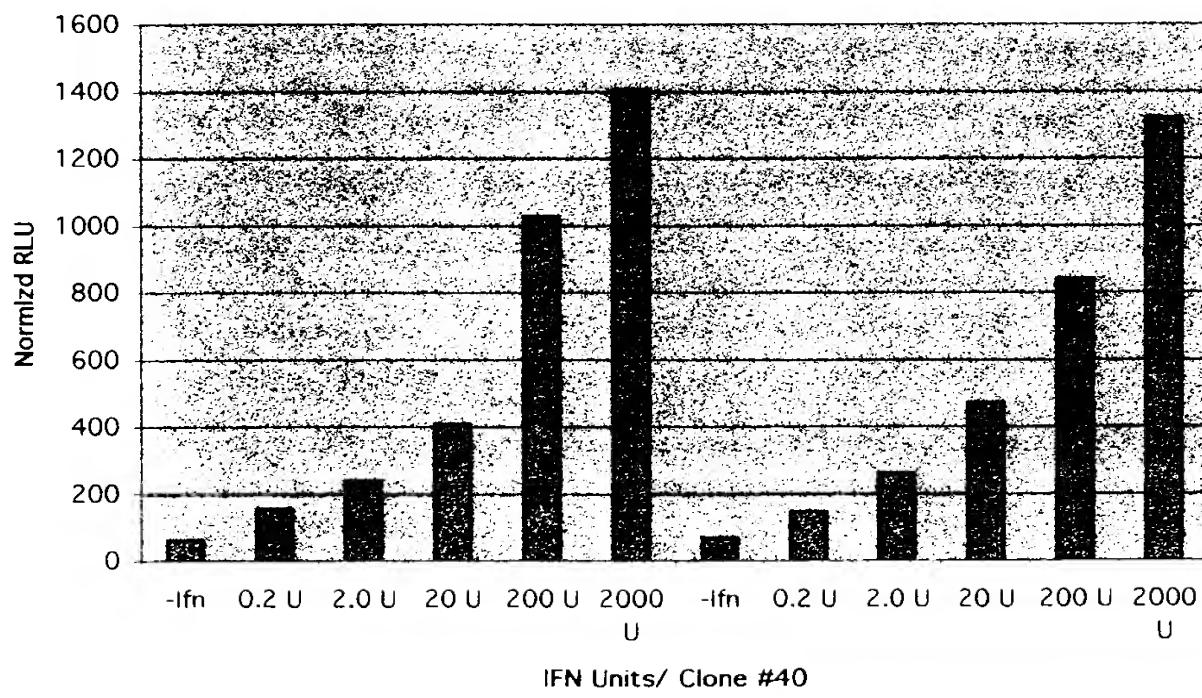
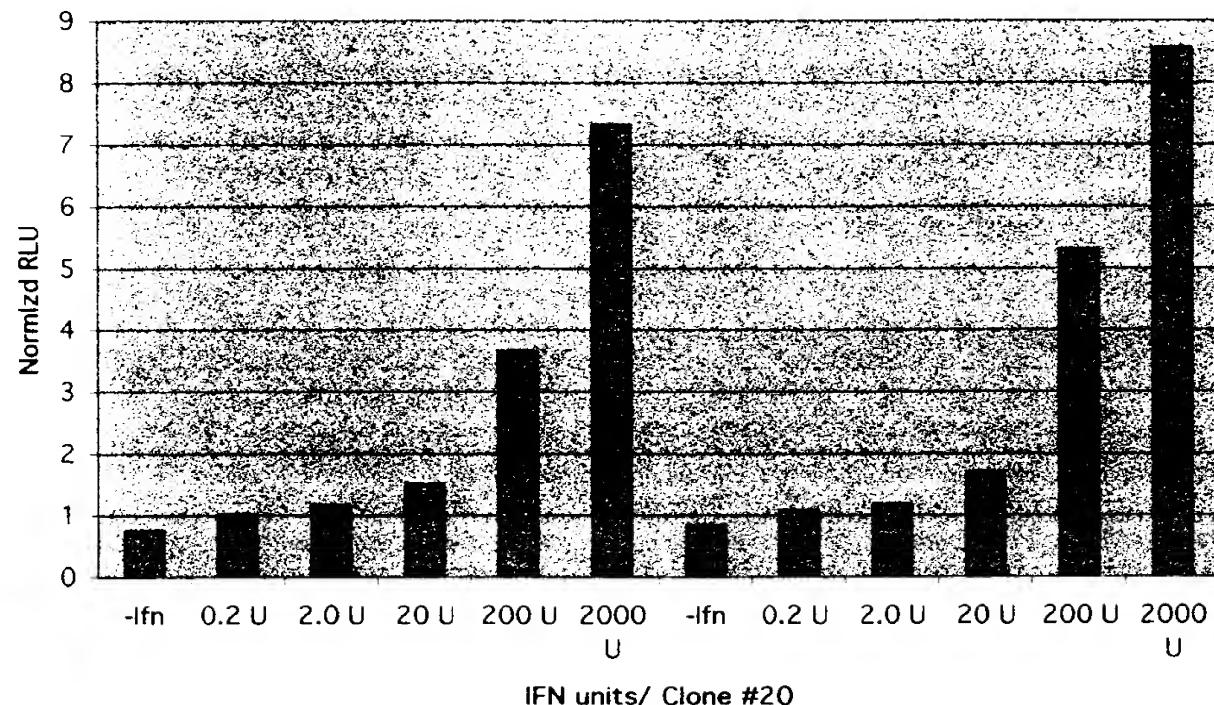


Figure 13

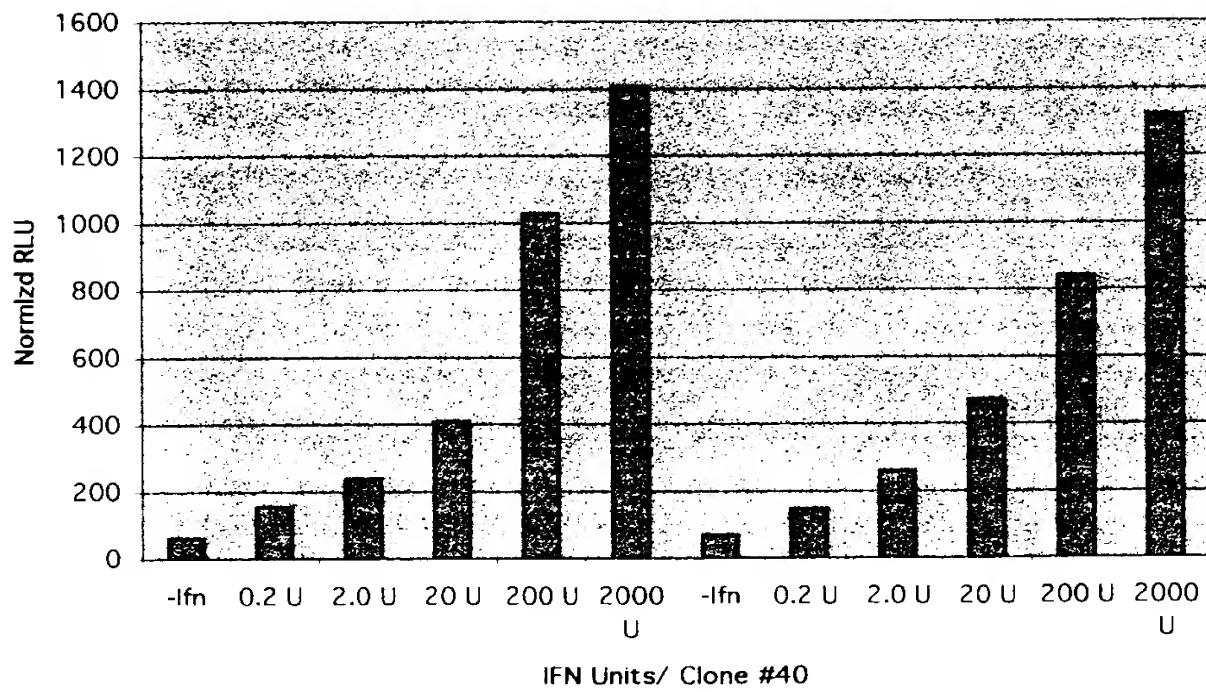
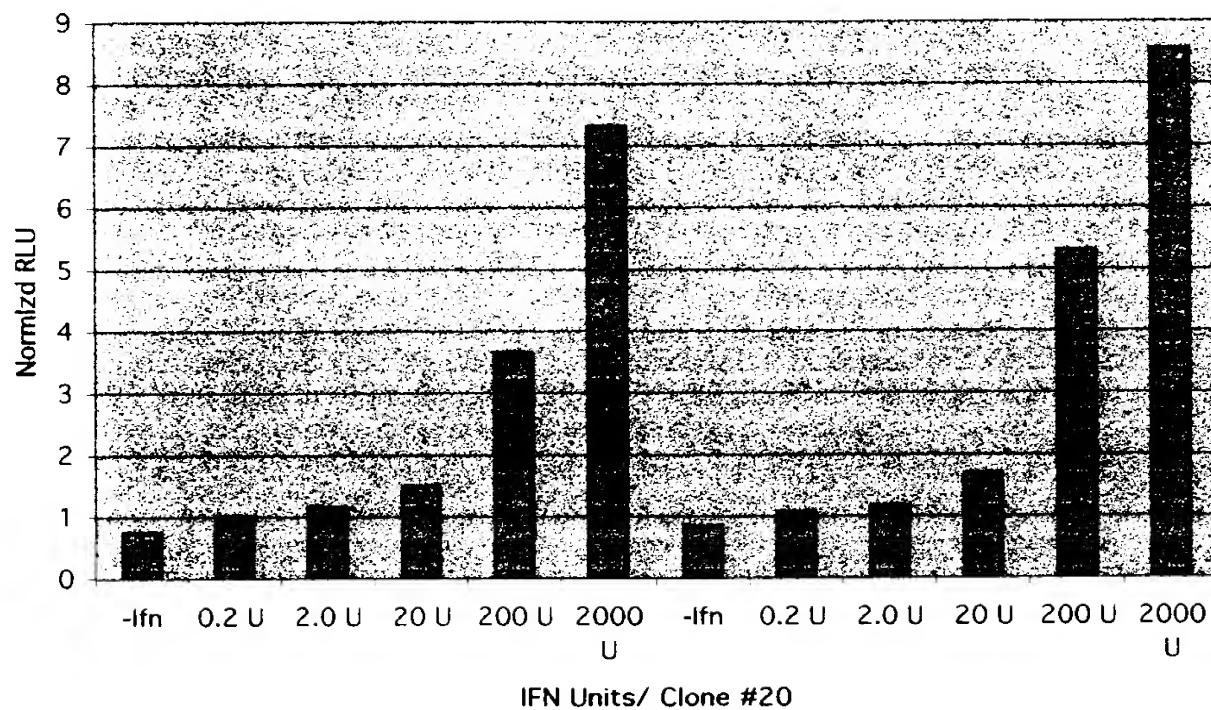


Figure 14 A

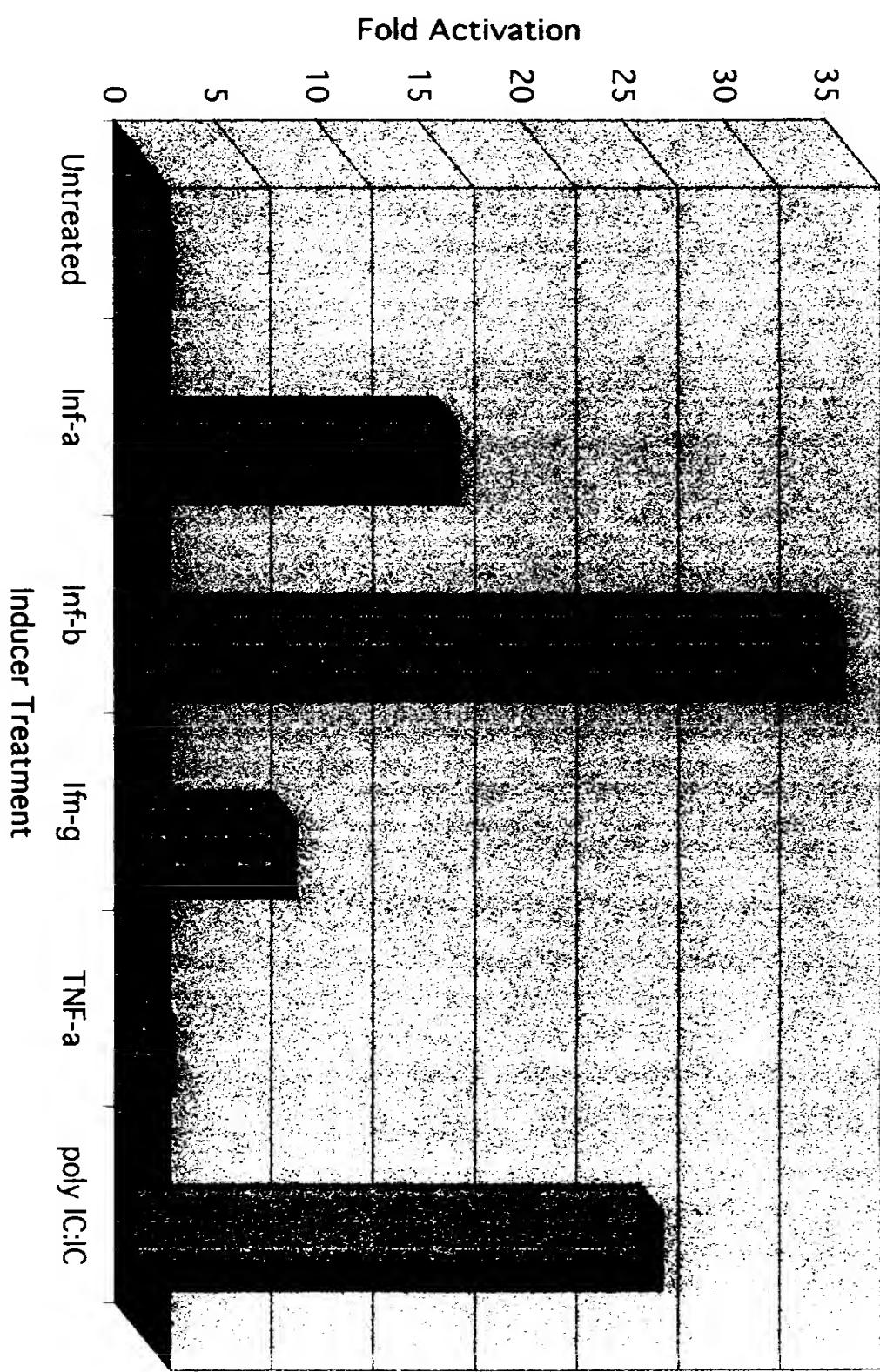


Figure 14B

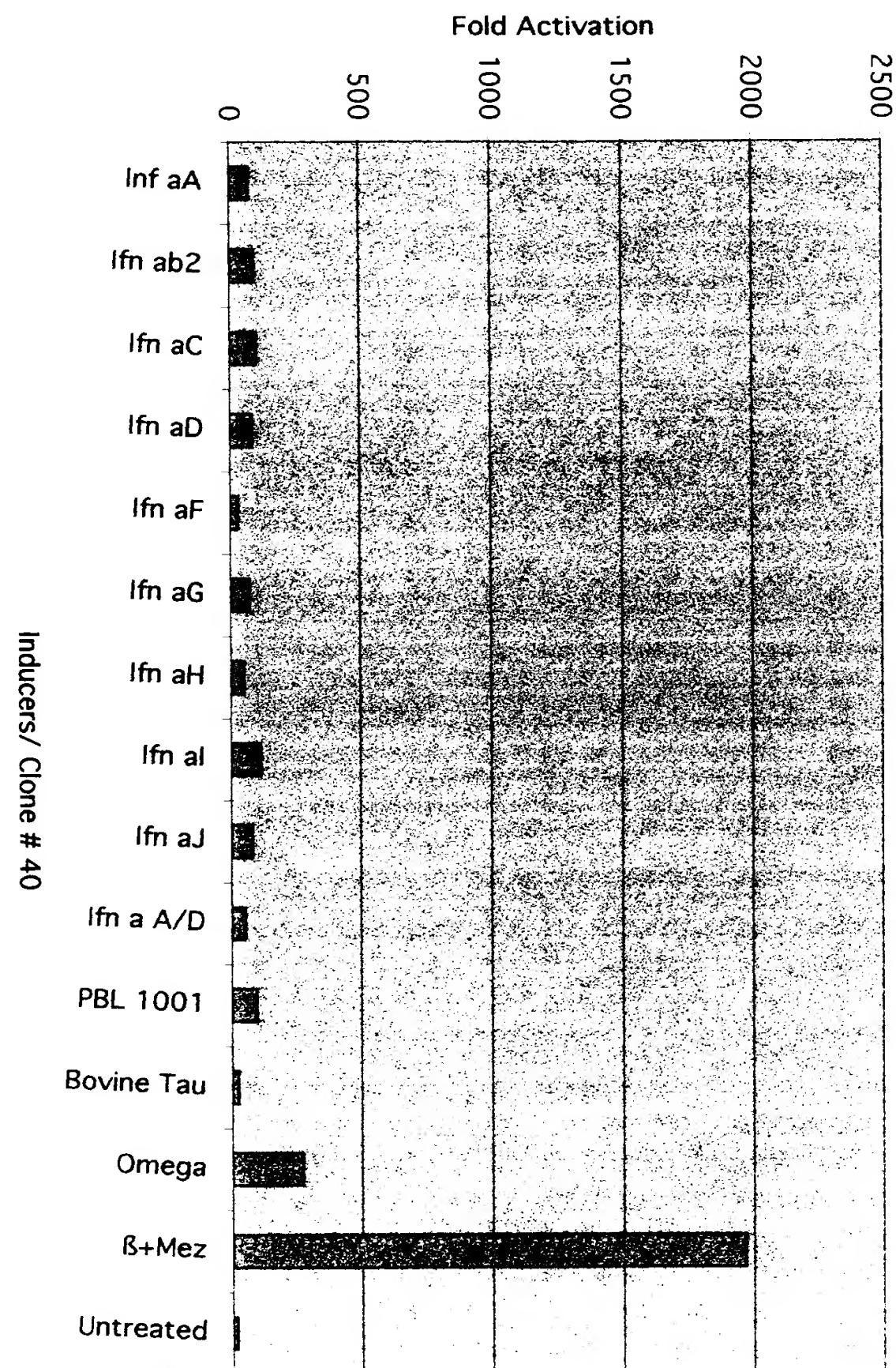


Figure 15

